



PLANT PARTS MATCHING

Grade Level

K-5

Length of Lesson

30 minutes

Objective

By the end of this lesson, students will have a better understanding of plant parts, and which parts of plants we eat.

Materials Needed

- Scissors
- Glue or tape
- Copies of activity sheets

Standards

NGSS

1-LS3-1; 3-LS3-1

Lesson Summary

This lesson is a fun, hands-on activity designed to help students understand how the plants we eat are derived from different parts of the plants they come from.

Suggested Sequence of Events:

1. Set Up: Cut out the various fruits and vegetables and put them into baggies for each student to decrease the amount of time.
2. Read through the IAITC Seasons Ag Mag to learn more about the different specialty crops grown here in Illinois.
3. Complete the activity following the procedures:
 - Give 1 copy of each activity sheet to each student.
 - Have students cut out the fruits and vegetables.
 - Then, have students place the fruits and vegetables in the plant part category.
 - Have students glue or tape the fruits and vegetables into that category.
4. Whole class discussion and reflection of activity.

TEACHER RESOURCES

Extension Ideas:

- Read “Tops and Bottoms” by Janet Stevens and talk about the parts of plants that grow above ground and below ground. Which parts of the plant are they?
- Show a diagram of a plant and talk about all the different parts. Compare different plants to see that various plants have the same parts, but are unique to those individual plants.
- Talk about their favorite fruits and vegetables. Where are those crops grown? Are any of them grown in Illinois? Which state produces the most of those various crops?
- Invite a local specialty crop farmer who grows vegetables into your classroom to talk about growing food.
- Learn about locally grown foods and farmers markets. Challenge students to complete the AITC Farmers Market Scavenger Hunt worksheet.
 - What other commodities besides fruits and vegetables can be found at a farmers market?
- Learn more about gardening and grow vegetables or flowers in your classroom.
- Have students design their own garden. What would the dimensions be? What would they plant in their gardens?
- Learn more about pollinators and their role in agriculture.
- Go to agintheclassroom.org to contact your County Literacy Coordinator for free classroom sets of our Ag Mags!

Answer Key Note:

Correctly classifying plant parts is more complicated than it might seem. Some of the included plant parts could be classified differently. For instance, one could argue that green beans are actually a fruit instead of a seed, since we eat both the beans and the pods all together. Teachers can make adjustments to how they want their students to classify these plant parts based on their own research and understanding and the lesson will still function the same.

Flower

Fruit

Seed

Leaf

Stem

Root

Cut out the fruits and vegetables below and match them to the categories on the other sheet according to which part we eat!

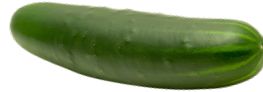


Answer Key

Flower



Fruit



Seed



Leaf



Stem



Root

